BRUHATH BANGALORE MAHANAGARA PALIKE

Detailed estimate the work of :- Construction of cement concrete road and improvements to to drain In BB Nagara and Maruthinagara in ward no.8 Kodigehalli.

Est Cost: 30.00Lakhs

Sl no	Description of Item	No	L	B	D	Qty	Rate	Amount
1	Removing B.S slab of drain and stacking (Page No.25, Item No. 5.32)							
	For drain	2	130.00	1.00		260.00		
						260.00	63.72 per Cum	16567.00
	Basic Rate 59.00 Area Wtg 8% 4.72 Net Rate 63.72							
2	KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involiving an avarage horizontal throw upto 2 meters and an avarage lift upto 1.50m excavated surface leveled and sides neatly defssed, the disposed earth to be leveled neatly after breaking of clods comlete asspecifications.(page no141, item no19.1)							
	For drain	2	130.00	1.10	1.00	286.00		
						286.00	83.16 per Cum	23784.00
	Basic Rate 77.00 Area Wtg 8% 6.16 Net Rate 83.16							
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement 220kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @o.465 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation including cost all materials, labour, HOM of machinery, curing complete as per specifications.(P-12, I-4.2)							
	For drain	2	130.00	1.10	0.15	42.90		
					Total	42.90	5236.92 Per Cmtr	224664.00
	Basic Rate 4849.00 Area Wtg 8% 387.92 Net Rate 5236.92							

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

4	Providing laying plain/ reinforced cement concrete for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc.complete as per approved drawing and design MORTH specification No.1500, 1700, 2200. M20 Grade using Concrete mixer (Page 258, Item No. 37.59.2)							
	Bed Concrete	2	130.00	1.05	0.15	40.95		
	Wall	2x2	130.00	0.15	0.90	70.20		
					Total	111.15	6931.44 Per Cmtr	770430.00
	Basic Rate	6418.00						
	Area Wtg 8%	513.44						
	Net Rate	6931.44						
5	Providing T.M.Tsteel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members whereever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P-17, I-4.46.1) Fe 500							
	For drain 65kg/cum		111.15	65kg		7224.75		
						7224.75		
						7.22	59327.91 Per tonnes	428629.00
	Basic Rate	54933.25						
	Area Wtg 8%	4394.66						
	Net Rate	59327.91						
6	Providing and fixing RCC 1:2:4 Precast slab for covrering using 20mm and Downsize granite jelly as per design including necessary centering, forming, Curing and finishing with CM 1:3 etc complete 250mm thick (As per Data rate approved)							
	For drain covering	2	130.00	1.10		286.00		
					Total	286.00	5111.00 per Sqm	1461746.00
7	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms							
	Qty vide item No 2					286.00		
	add road side debries					75.00		
					Limit to	361.00	123.20 Per cmtr	44475.00
							Total Rs:-	2970295.00

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

8	Add 1% QC Charges	29702.95
9	Miscellaneous and unforeseen charges	2.05
	Total Rs:-	3000000.00

(Rupees Thirty Lakhs only)

CERTIFICATES

1 The work will be Executed within BBMP limit only
2 The work spot is inspected by me
3 The items Provided in the Estimate are quite Essential
4 The Estimate is prepared Based on CSR 2015-2016

Asst Engineer
Waard No-8

Asst. Executive Engineer
Kodigehalli Subdivision
BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore
15/12

Administrative Approval
Accorded For 30.00 Lakhs
Head of A/C P-1771
CER NO : ~~62~~ 58 Dt:.. 28 12 16

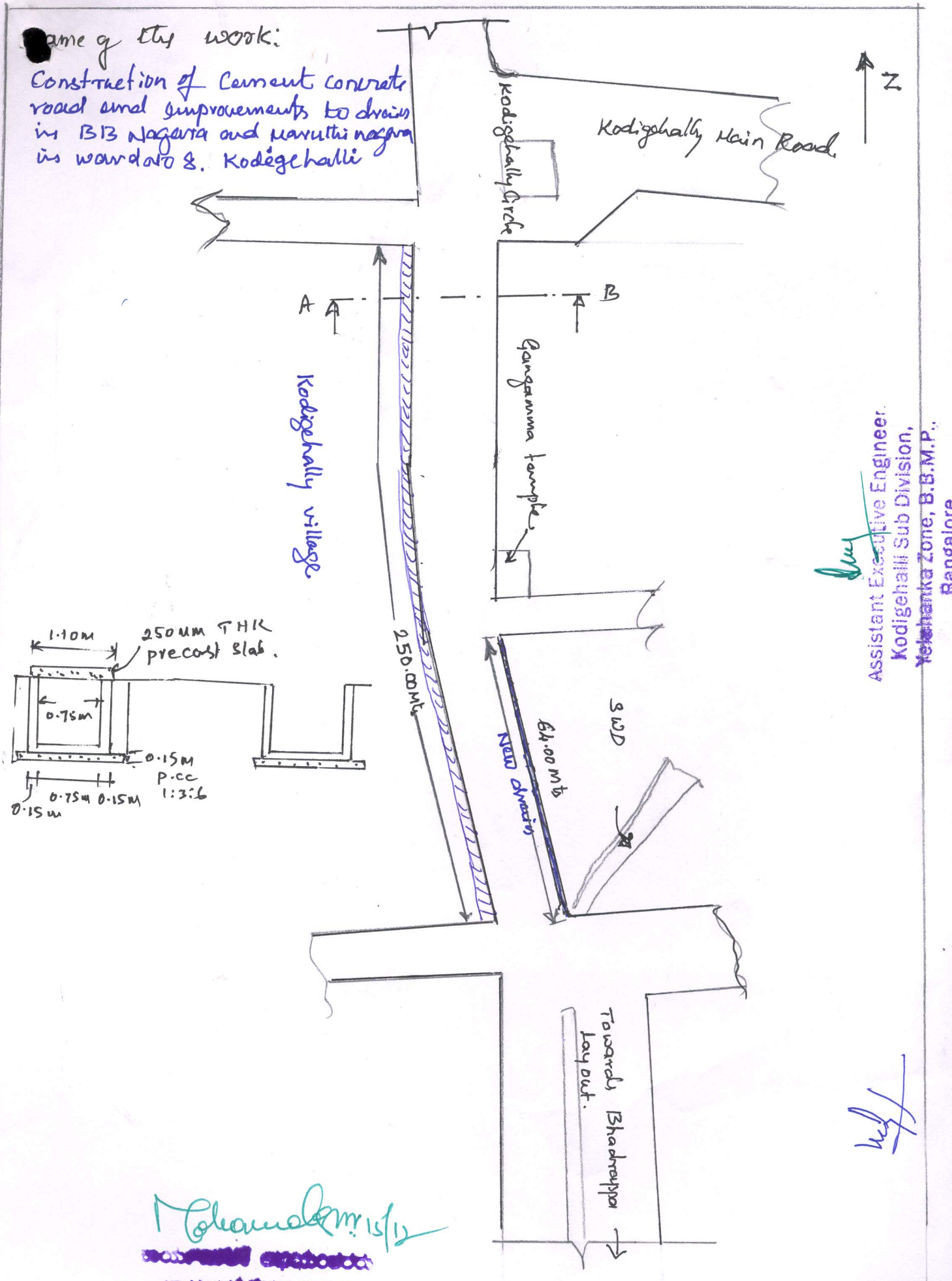
TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakh Rs
Head of A/C P-1771
CER NO :76..... Dt:..28 12 16

TA CE (YNK)

Name of the work:

Construction of Cement concrete road and improvements to drains in BB Nagara and Maruthi nagara in ward no 8. Kodigehalli



Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.